

Sikkim Public Service Commission
Main Written Examination for the Post of Sub Inspector
PAPER - II GEOGRAPHY

Time allowed: 3.00 Hrs

Maximum Marks: 250

INSTRUCTION TO CANDIDATES

Read the instructions carefully before answering the questions: -

- 1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.**
- 2. Use only Black Ball Point Pen to fill the OMR Sheet.**
- 3. Do not write anything else on the OMR Answer Sheet except the required information.**
- 4. This Test Booklet contains 50 questions in MCQ Mode in Part I to be marked in OMR Sheet. Part II and Part III are Subjective Questions which have to be written on separate answer sheet provided to you.**
- 5. Before you proceed to mark in the Answer Sheet (OMR), you have to fill in some particulars in the Answer Sheet (OMR) as per given instructions.**
- 6. After you have completed filling in all your responses on the Answer Sheet (OMR) and the examination has concluded, you should hand over the Answer Sheet (OMR) and separate answer sheet to the Invigilator only. You are permitted to take with you the Test Booklet.**
- 7. Marking Scheme**

THERE WILL BE NEGATIVE MARKING FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTIONS

- i. There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, one-third of the marks assigned to the question will be deducted as penalty.**
- ii. If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will be same penalty as above to the question.**
- iii. If a question is left blank. i.e., no answer is given by the candidate; there will be no penalty for that question.**

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

PART - I

Choose the correct answer for the following questions:

(3x50=150)

1. **Major land-use of Arctic Coast Russia is...**
 - A. Nomadic Herding
 - B. Forestry
 - C. Dairy Farming
 - D. None of the above

2. **Which one of the following is not among the four largest religions in the world?**
 - A. Christianity
 - B. Islam
 - C. Buddhism
 - D. African Traditional

3. **Ionian Sea lies in between which two countries in South Europe?**
 - A. Italy and Greece
 - B. Greece and Turkey
 - C. Italy and France
 - D. Italy and Spain

4. **What percentage of world population is unaffiliated to any religion?**
 - A. 4%
 - B. 8%
 - C. 12%
 - D. 16%

5. **How many languages in the world are facing endangerment as per the United Nations?**
 - A. Around 2400
 - B. Around 3400
 - C. Around 4400
 - D. Around 5400

6. **Gulf of Aden separates which of the following two countries?**
 - A. Somalia and Yemen
 - B. Eritrea and Yemen
 - C. Ethiopia and Saudi Arabia
 - D. Somalia and Saudi Arabia

7. **Which one of the following is not among the four official languages in Switzerland?**
 - A. German
 - B. English
 - C. French
 - D. Romansh

8. Which one of the following countries has claimed maximum land area of Antarctica?
- A. Australia
 - B. Russia
 - C. Norway
 - D. France
9. Which one of the following countries in Africa do not have a coastline?
- A. Cameroon
 - B. Zimbabwe
 - C. Gabon
 - D. Togo
10. Who among the following geographers identified migration transition?
- A. Wilbur Zelinsky
 - B. Thomas
 - C. Notestein
 - D. E. G. Ravenstein
11. Which of the following natural regions has the highest density of plant species?
- A. Taiga Forest
 - B. Tundra
 - C. Kalahari Desert
 - D. Amazon Forest
12. According to the United Nations, how many countries do not have a policy on immigration
- A. 05
 - B. 15
 - C. 25
 - D. 35
13. The Gambia and Malawi are examples of
- A. Elongated states
 - B. Perforated states
 - C. Compact states
 - D. Fragmented states
14. Which one of the following countries is part of the European Union?
- A. Norway
 - B. Switzerland
 - C. Iceland
 - D. Slovakia
15. Isotherms are lines joining places with equal:
- A. Salinity
 - B. Temperature
 - C. Pressure
 - D. Coriolis Force

16. As per the definition of the United Nations, what percentage of world population does not have food security?
- A. 5%
 - B. 10%
 - C. 15%
 - D. 7.5%
17. What is the correct sequence of undernourished people in decreasing order among the regions given below?
- A. South Asia, East Asia, South-East Asia
 - B. East Asia, South East Asia, South Asia
 - C. South East Asia, South Asia, South West Asia
 - D. South Asia, Latin America, South East Asia
18. Which among the following countries has the maximum number of undernourished people?
- A. India
 - B. China
 - C. Pakistan
 - D. Bangladesh
19. Which of the following regions in the world has Commercial Gardening as its major agriculture type?
- A. South-east Australia
 - B. West Europe
 - C. South Europe
 - D. South Japan
20. Valley of California lies in between which of the following?
- A. Coast range and Sierra Nevada
 - B. Sierra Nevada and Colorado Plateau
 - C. Colorado Plateau and Rocky Mountains
 - D. Columbia Plateau and Colorado Plateau
21. Winter wheat belt in North America is situated in
- A. Canada
 - B. United States of America
 - C. Canada and United States of America
 - D. Mexico and United States of America
22. Which one of the following countries in South America do not have a Humid Sub-tropical climate?
- A. Uruguay
 - B. Argentina
 - C. Brazil
 - D. Venezuela

- 23. Shrine of Kedarnath in Uttarakhand is situated on the banks of**
- A. Alaknanda river
 - B. Mandakini river
 - C. Ganga river
 - D. Yamuna river
- 24. Cloud burst primarily occur along**
- A. Western slopes of Aravalli
 - B. Southern slopes of Himalayas
 - C. Malabar Coast
 - D. Jantia Hills in Meghalaya
- 25. Tropical Cyclones originate primarily over**
- A. Warm ocean waters
 - B. Cold ocean waters
 - C. Desert areas
 - D. Snow fields
- 26. Ice Shelf relates to**
- A. Floating ice over the sea
 - B. The extended part of continental Glacier over the ocean
 - C. The flat area in Siachin Glacier in Kashmir
 - D. Policy of Russia towards United States of America
- 27. Tsunamis are caused due to**
- A. Earthquakes below Sea Water
 - B. Volcanic eruptions
 - C. Landsides
 - D. Snow avalanches along Sea coast
- 28. Destructive Plate boundaries relating to Plate Tectonics is associated with**
- A. Only Volcanic eruptions
 - B. Only Earthquakes
 - C. Both Earthquakes and Volcanoes
 - D. None of the above
- 29. Which among the following cannot be predicted with accuracy?**
- A. Volcanic eruption
 - B. Earthquake
 - C. River Flood
 - D. Movement of Temperate Cyclone
- 30. Snow line will be closes to the sea level in which of the following countries:**
- A. Peru
 - B. Argentina
 - C. Brazil
 - D. Mexico

- 31. Conservative Plate boundaries relating to Plate Tectonics is associated with**
- A. Only Volcanic eruptions
 - B. Only Earthquakes
 - C. Both Earthquakes and Volcanoes
 - D. None of the above
- 32. Siachen Glacier is a**
- A. Continental Glacier
 - B. Ice Shelf
 - C. Valley Glacier
 - D. Snow Fields
- 33. Larson Ice-shelf was part of**
- A. Alaska
 - B. Iceland
 - C. Greenland
 - D. Antarctica
- 34. Icing relates to**
- A. Recent documentary released on Antarctica
 - B. Latest brand of Vanilla Ice-creams
 - C. Snow getting converted to ice on high altitude roads
 - D. None of the above
- 35. Glaze is a phenomenon associated with**
- A. Rain water getting converted to ice
 - B. Heavy rainfall
 - C. Continuous rainfall for long period extending for over two days
 - D. Rainfall and landslide
- 36. Hail storm is associated with**
- A. Snowfall
 - B. Glacial avalanche
 - C. Temperate Cyclone
 - D. Tropical Cyclone
- 37. Warm and Cold fronts occur in**
- A. Temperate Cyclone
 - B. Tropical Cyclone
 - C. Both temperate and tropical cyclone
 - D. None of the above
- 38. Warming of oceanic water presents maximum threat to**
- A. Antarctic ice
 - B. Arctic ice
 - C. Greenland ice
 - D. Glaciers of Himalayas

- 39. Coriolis force has maximum strength on**
- A. Equator
 - B. 10 degree North latitude
 - C. 10 degree south latitude
 - D. Tropic of Cancer
- 40. The only active Volcano in India is situated around**
- A. Mount Everest
 - B. Jaisalmer
 - C. Elephanta island
 - D. Barren Island
- 41. Which of the following cities in India falls under Drought prone areas?**
- A. Churu
 - B. Allahabad
 - C. Ranchi
 - D. Cherrapunji
- 42. The Greenhouse effect involves warming of Earth's surface and the**
- A. Troposphere
 - B. Mesosphere
 - C. Stratosphere
 - D. Ionosphere
- 43. As the magnitude of natural disasters increases their frequency of occurrence**
- A. Increases
 - B. Decreases
 - C. Remains the same
 - D. Varies over time
- 44. The concept of carrying capacity refers to**
- A. The size of a population that can subsist on available resources
 - B. Total mass of Glacial ice
 - C. The mass of potatoes grown in bogs in Ireland
 - D. The mass of carbon in individual multi-cellular organisms
- 45. Why do you suppose there has been an overall increase in the number of deaths and monetary losses related to natural disasters on Earth?**
- A. The magnitudes of natural hazard events are increasing.
 - B. Events are better documented today than in the past.
 - C. Human populations are increasing in areas of risk.
 - D. All of the above
- 46. Ring of fire is related to**
- A. Pacific Ocean
 - B. Indian Ocean
 - C. Arctic Ocean
 - D. Persian Gulf

47. One of the major causes of landslide in India include

- A. Construction of roads along mountain slopes
- B. Deforestation
- C. Blasting related to construction of Dams
- D. All of the above

48. Operation Desert Storm in 1991 led to

- A. Desertification
- B. Burning of oil wells in Kuwait
- C. Discovery of oil in Jaisalmer desert
- D. Attack on agricultural fields by insects in South Punjab Plains

49. Which among the following states in India has the maximum relative relief (Difference between the highest elevation and lowest points)?

- A. Uttar Pradesh
- B. Bihar
- C. West Bengal
- D. Assam

50. The movie 'An Inconvenient Truth' focuses on

- A. Crime against women
- B. Corruption in public life
- C. Climate change
- D. Life style of teenagers in metropolitan India

PART - II

Attempt ANY TWO of the following:

(25X2=50)

1. Explain the concept of plate tectonics and discuss the evidences to support it.
2. Analyse the factors affecting the distribution of insolation on the earth surface.
3. Describe the main characteristics of Tropical Evergreen Rainforest Biome.
4. Explain the concept of resource management and resource scarcity.
5. Discuss the Functional Classification of Towns.

Write short notes on ANY FIVE of the following:

(10X5=50)

1. Mention the major processes and resultant landforms in the Youth Stage of river.
2. Outline the distribution of rainfall over India during Summer Monsoon season.
3. Discuss the major factors affecting soil genesis.
4. Discuss the characteristics of various types of tides.
5. Mention the major causes of drought in India
6. Mention the census definition of urban places.
7. Write a short note on National Water Grid